

Abstract

The invention relates to a polypeptide wherein at least one of the amino, carboxyl, mercapto or guanidino group in a polypeptide molecule having human granulocyte colony stimulating factor activity is chemically modified by a chemical modifying agent, and a platelet production promoter comprising said polypeptide, a method for treating a patient with decreased platelet counts comprising administering an effective amount of said polypeptide to the patient, the use of said polypeptide for the production of pharmaceutical compositions which are useful for the treatment of the patient with decreased platelet counts, and the compositions for treating the patient with decreased platelet counts, which comprises an effective dose of said polypeptide in a pharmaceutically acceptable dosage form with a pharmaceutical acceptable carrier.